

DART

DESIGN <i>RF</i>	DRAWN BY <i>RF</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>RF</i>	APPROVED <i>RF</i>	DRAWING NO. DSI 9222	REV. A SHEET 1 OF 2
DATE 01.11.16	TITLE SEAT MODIFICATION KIT		SCALE NTS
A	01.11.16	NEW ISSUE	

DART SERVICE INSTRUCTION

TO AMEND IIN-D350-689 REV. A

REF. CANADIAN STC: SH98-36
US FAA STC: SR00912NY

INTRODUCTION

THE PURPOSE OF THIS SERVICE INSTRUCTION IS TO ALLOW CUSTOMERS TO MODIFY THE REGULAR EUROCOPTER SEATS (REF. P/N 350A77-1080-05, 350A77-0068-0202 & 350A77-0068-01) FOR COMPATIBILITY WITH THE DART D350-689-013 FLOOR PROVISIONS KIT THAT GETS INSTALLED WITH THE D350-689-011 DUAL HIGH BACK SEAT. THE D350-689-015 KIT ALLOWS CUSTOMERS TO QUICKLY SWITCH BACK AND FORTH BETWEEN THE EUROCOPTER SEAT AND THE DART SEAT.

PARTS LIST

Qty -015	Part Number	Description
X	D350-689-015	SEAT MODIFICATION KIT
2	D3029-1	SPRING
2	D3030-1	LOCK
1	D3033-1	SEAT TRACK
4	D3059-1	STUD
4	D3060-1	BUSHING
4	D3061-1	RADIUS BLOCK
3	AN960JD10L	WASHER
4	AN960JD516	WASHER
8	MS20426AD3-6	RIVET
4	MS21042L5	NUT (or MS21042-5)
4	MS21059L3	NUTPLATE
1	MS24693-S273	SCREW
3	MS27039-1-10	SCREW

INSTALLATION PROCEDURE

1. INSTALL STUD FITTINGS ON EUROCOPTER SEAT SLIDES (REF. 350A77-1116-2401 & 350A77-1117-24) AS SHOWN IN FIGURE 2. THE CENTER OF THE STUD FITTINGS SHOULD BE 14.0" (356 mm) APART.
2. REMOVE ANY EXISTING RIVETS AT STA 50.94 (1294 mm) AND STA 70.47 (1790 mm) THAT INTERFERE WITH INSTALLATION OF SEAT TRACKS ON EXISTING OUTBOARD RUBBING STRIP (LBL 17.16).
3. LOCATE AFT END D3033-1 AT STA 70.47 AND CENTERED ON OUTBOARD RUBBING STRIP.
4. TRANSFER DRILL Ø0.128" FROM FLOOR TO D3033-1 SEAT TRACK USING THE RIVET HOLES THAT WILL MOST CLOSELY GIVE THE DIMENSIONS SHOWN IN FIGURE 1.
5. OPEN SEAT TRACK AND A/C FLOOR HOLES TO Ø0.191" AND COUNTERSINK HOLE FOR MS24693-S273 SCREW IN SEAT TRACK.
6. TOUCH UP ALL BARE METAL PER IIN-D350-689 REV. A.
7. INSTALL MS21059L3 NUTPLATES WITH MS20426AD3-6 RIVETS (4 PLACES) PER FIGURE 1.
8. INSTALL D3033-1 SEAT TRACK PER FIGURE 1.
9. CHECK FIT OF MODIFIED SEAT.

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED BY:  D. SHEPHERD (DE # 02)	
DATE:	NOV. 16 2001
CERT. NO.:	SH98-36
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DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED	APPROVED	DRAWING NO. DSI 9222
DATE		REV. A SHEET 2 OF 2 TITLE SCALE NTS SEAT MODIFICATION KIT

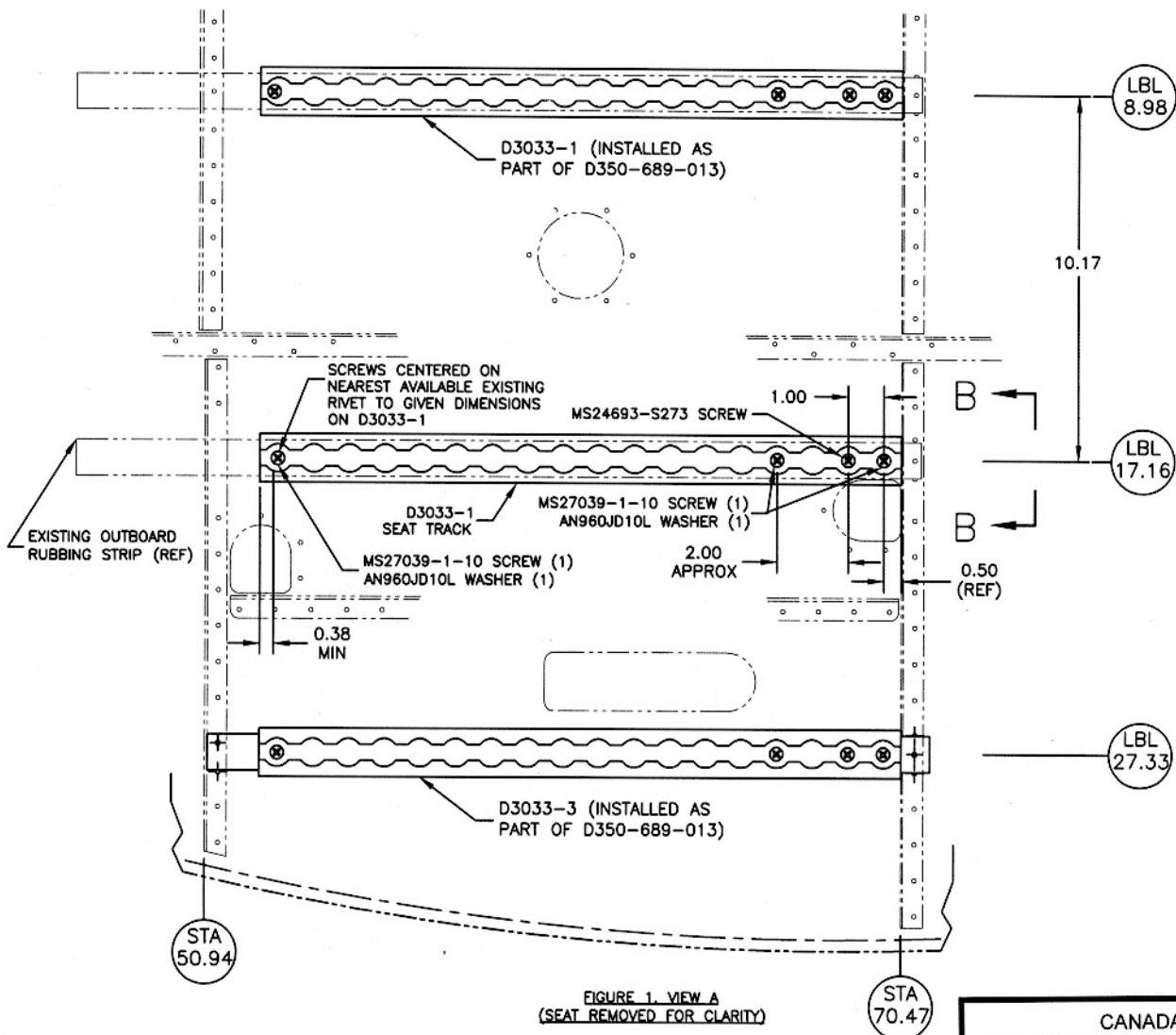


FIGURE 1, VIEW A
(SEAT REMOVED FOR CLARITY)

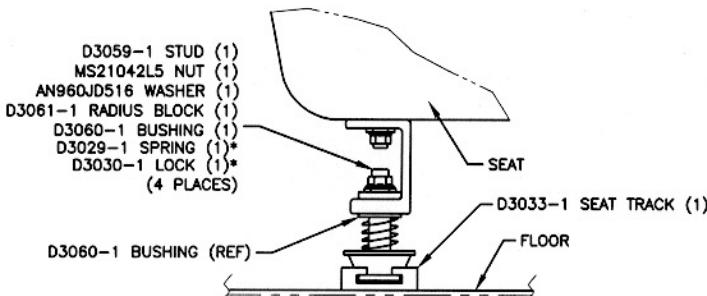


FIGURE 2, STUD INSTALLATION
SECTION B-B
*THESE ITEMS REQUIRED ON FWD STUDS ONLY

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-0-01

APPROVED

BY: *D. Shepherd* (DE # 02)

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